



Emergency Response Capabilities at Ames Research Center

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ARC Emergency Response

- Ames Research Center (ARC) realized that in the event of a major disaster, it could not count on other jurisdictions in the area, as they would most likely be responding in their own areas and be unable to assist the Center.
- ARC is unique in that the Moffett Fire Department, Protective Services, Safety, Health & Environmental Services, Health Unit and the Disaster Assistance & Rescue Team (DART) train and work together to provide emergency response capabilities to the Center.
- Per the Stafford Act, ARC emergency responders are also available to respond to a local, state or federal emergency, as long as it does not impact NASA's primary mission.



ARC Emergency Response Capabilities

Safety, Environmental and Mission Assurance

➤ QE/QH:

- Historically, civil servants responded to all emergencies and contractors were primary responders for HazMat incidents
- Currently, Facilities Maintenance (IAP) provides everyday, on-call response. QH/QE provides oversight on every emergency response in areas of IH, environmental, safety.
- 3 QH & 3 QE personnel trained to participate in the EOC
 - Required training: IC 100, 200, 300, 400, 700, CSTI IC & FRO



ARC Emergency Response Capabilities

Safety, Environmental and Mission Assurance

- Daily Responses
 - One contractor, one civil servant on call 24/7
 - Provide consultation, technical oversight, regulatory reporting, Agency reporting, medical
- Medical:
 - Ames Health Unit responds during business hours with on-site transport capabilities only. Ambulance purchased five years ago, which enables staff to provide EMS support.
- Planning:
 - pandemic, emergency medical services, etc.



Additional ARC Emergency Response Capabilities

Emergency Planning (Protective Services Office)

- Updating Emergency Operations Plan: to respond to natural, manmade, technological or terrorist incidents
- On-going training to comply with National Incident Management System as mandated by the Department of Homeland Security in the National Response Plan



Additional ARC Emergency Response Capabilities

Security/Law Enforcement (Primary Responders)

- Law Enforcement Officers
- Security Officers
- Criminal Investigators
- Agreements with Outside Agencies for Support if Required

Fire Department (Primary Responders)

- Fire Suppression
- Airfield Rescue Firefighting (ARFF)
- Emergency Medical Technicians



Disaster Assistance & Rescue Team

Disaster Assistance & Rescue Team (Secondary Responders)

➤ Rescue

- Rescue Specialists
- Canine Search Specialists
- Water Rescue Capability

➤ Hazardous Materials Response

- HazMat Industry Technicians (HIT)

➤ Damage and Utility Control Team (DUCT)

- Day-to-day HVAC mechanics, electricians, plumbers, carpenters
- Systematic shutdown of Center utilities in event of disaster
- Support to HIT team



Disaster Assistance & Rescue Team

Disaster Assistance & Rescue Team cont'd.

➤ Logistics

➤ Emergency Operations Center

- Dedicated Emergency Operations Center (EOC)
- EOC Operations Specialists
- Three-deep assignments to emergency response organizations across the Center

➤ Emergency Communications

- Emergency communications specialists
- Emergency communications equipment capable of supporting any major disaster
 - Provided support to Shuttle Columbia Recovery Mission in TX, 2003; Michoud Assembly Center during Katrina in Sept. '06

➤ Training

- Teams practice periodically; once a year with Code Q and others











ARC Emergency Response Points of Contact

➤ **Safety, Environmental and Mission Assurance**

- David King 650-604-1316 David.B.King@nasa.gov

➤ **Protective Services Office**

- Security/Law Enforcement
 - Kenneth Silverman 650-604-4054 Kenneth.Silverman@nasa.gov
- Fire Department
 - Joseph Gippetti 650-604-4302 Joseph.R.Gippetti@nasa.gov
- Disaster Assistance & Rescue Team
 - <http://dart.arc.nasa.gov/>
 - Phillip Snyder 650-604-4592 Phillip.T.Snyder@nasa.gov

➤ **Emergency Communications (DARTCOM)**

- Emergency Communications
 - William Notley 650-604-1415 William.K.Notley@nasa.gov